

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

The Commonwealth of Massachusetts
Executive Office of Health and Human Services

Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

02/03/2012

Patrick Devlin Assistant District Attorney, Suffolk County

Dear ADA Devlin,

Enclosed is the information you requested in regards to Commonwealth vs. Included are copies of the following:

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- 1. Drug Analysis Laboratory Receipt.
- 2. Control Cards with analytical results for samples #

3. Analysis sheets with custodial chemist's hand notations and test results.

4. GC/Mass Spectral analytical data for samples #

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely

Annie Dookhan

Chemist

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6622

Rosion	F	P	A A	) R		E E	C.	
DRUG RECEIPT								

	b		
BostonPolice	CC #		***************************************
DEPARTMENT	воок# 63		,,,,,
DRUG RECEIPT	PAGE # 74	***************************************	
	DESTRUCTION #		
District/Unit A-1 DC4			
ame & Rank of Arresting Officer/ Wr	NAW	ID#10	060
DEFENDANT'S NAME	ADDRESS	CITY	STATE
		MATTAPAN	MA
		BOSTON	MA
		LAB U	SE ONLY
DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER
CEACK COCAINE	1 PB	1.80s	
CEACK GOLINE	6 P/B"	2.820	
CLACK COCATINE	2 P/B"	5,08g	
			7,700
General Resources and the analysis of the second		22000000000000000000000000000000000000	Magnetic personal resonance concession resonance accession for
be completed by ECU personnel only			
me and Rank of Submitting Officer	I this Lipes	ID#	37 <i>0</i>
<i>' L</i>	810	4	
ceived by	-40	Date	15-10

ECU Control #

BPD Form 0038-BIS-0907 (prev. 1753)

Received by \_\_\_

**©** #7€}}=31

			. 1 . 6
No.		Date Analyzo	ed: [[ [5] [ ()
	Boston D.C.U. Pol	ce Dept.	(, (
	P.O. Diana Lopez		•
Def:			
Amount:	04.	S	ubst: SUB
No. Cont:	•		•
Date Rec'd:	10/13/2010	No. Analy	zed:
Gross Wt.:	1.80	Net We	eight: ONS
		# T	ests: 6PS
			·20HC
Prelim:	cocare	Findings:	ilal
	v		
No.		Date Analyz	ed: 111 15 17
	Boston D.C.U. Pol	ce Dept.	
	P.O. Diana Lopez		<b>=</b>
Def:			
Amount:		S	ubst: SUB
No. Cont:	6 Cont: pb		
Date Rec'd:		No. Analy	zed:
Gross Wt.:	2.82	Net We	ight: 6 / 10
		* # To	ests: 6 Pro
			·ZCAC
Prelim:	coccuie (6)	Findings:	- /
		Findings: O C C	LM
		$\bigcirc$	
No.		Date Analyz	ed: 11/16/17
	Boston D.C.U. Pol	ce Dept.	1111110
-	P.O. Diana Lopez		( '
Def:			
Amount:		9	■ Subst: SUB
No. Cont:	2 Cont: pb	~	
	10/13/2010	No Anoli	izod:
		No. Analy	eight: 1.14
Gross Wt.:	5.08		
			ests: 12 ASD
		^	·HUNC
Prelim:	cocane	Findings:	line
	_		, O v

## DRUG POWDER ANALYSIS FORM

	,		
SAMPLE #	AGENCY BOSSET	ANALYST_	ASO
No. of samples tested:		Evidence Wt.	
PHYSICAL DESCRIPTION:		Gross Wt( ):	o.2053
off white the	nich empored to	Gross Wt ( ):	
off white the	160	Pka. Wt:	
•		Met Mt.	0.1523
		:	
196 (g)			
			. •
·			
PRELIMINARY TESTS			
Spot Tests		Microcrystalline Tests	<u>i</u>
Cobalt Thiocyanate (-) +		Gold Chloride 🗼	
Marquis		TLTA ( -) ->	<b>*</b>
Froehde's		OTHER TESTS	
-		OTHER TESTS	·
Mecke's	************************************		777777777777777777777777777777777777777
· · · · · · · · · · · · · · · · · · ·			
PRELIMINARY TEST RESULTS		GCIMS CONFIRMATORY T	EST
RESULTS coccuie	F	RESULTS COCOL	ie.
DATE 11-10-10		MS	мории и под
	OP	ERATOR KAC	
•		DATE \1-15-1	O

Revised 7/2005

## DRUG POWDER ANALYSIS FORM

SAMPLE #	AGENCY BUS	tev.	ANALYST	A>7
No. of samples tested:	and the same of th	E	Evidence Wt	
PHYSICAL DESCRIPTION:		Gro	ss Wt ( %):_	0.8651
OFF While	Cherry susse	Gro	ss Wt( <sup>\</sup> ):_	0.1601
	is abos		Pkg. Wt:_	•
			Net Wt: _	0.1087
		•		
				•
			•	
PRELIMINARY TESTS				·
Spot Tests		Microc	rystalline Test	<u>s</u>
Cobalt Thiocyanate ( ~) >-		Gold	•	
	<del></del>		7	
Marquis		ILIA <u>(</u>	<u>-) → </u>	
Froehde's	******	<u>11.0</u>	IER TESTS	
Mecke's		O Tolding Miles	A TOWN OF THE PROPERTY OF THE	
PRELIMINARY TEST RESULTS		GCIMS CON	IFIRMATORY	TEST
RESULTS Cocame			cocaire	······································
DATE 11-10-10		MS OPERATOR	KOC	
		DATE	11-15-1	8

Revised 7/2005

## DRUG POWDER ANALYSIS FORM

SAMPLE #	AGENCY	B05400		ANALYST	A>0	
No. of samples tested: 2	oovende		Ëv	idence Wt.		
PHYSICAL DESCRIPTION:			Gross	s Wt ( 2):_	1.3084	
Off white Cl	unicy si	s retects	Gross	s Wt( ):_		
<u> </u>	2602			Pkg. Wt:		
T				Net Wt:		
			•			
						٠
			·			
PRELIMINARY TESTS				77.		
Spot Tests			Microcry	stalline Tes	<u>ts</u>	
Cobalt		•	Gold	١		
2 Thiocyanate ( -) +				4		
2 Marquis		2_		-)-}-	+	
2 Froehde's		10000000000000000000000000000000000000	<u>OTHE</u>	RTESTS		
2_ Mecke's						
		-				
	•					
PRELIMINARY TEST RESULTS		<u>GC</u>	/MS CONF	IRMATORY	TEST	
RESULTS Cocume				ره د در		
DATE 1140-10	_		MS		<del>.</del>	
	<del></del>	OPER/	-	TOUC		
			DATE	11-15-	10	

Revised 7/2005

# samples tested; 2

# .	Gross Weight	Packet Weight	Net Weight	#	Gross Welght	Packet Weight	Net Weight
1	0.9637	0.0965	0.8672	26			
2	0.3448	0.0637	0.2811	27			
3				28			
4				29			
5		Aggagation		30			1969 Mildernand
6				31			····
7				32	10 00 000000000000000000000000000000000		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
8				-33			
9			,	34			
10		77. 7. 24200000000000000000000000000000000000		35			
11				36	The state of the s		
12			***************************************	37			
13	2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 -			38	***************************************		
14				39			
15				40	<u></u>		
16				41			
17				42			
18				43			
19	,			44			
20	***************************************			45	annanga (ggggga till storing ga a spår 1980 till storing skall skall skall skall skall skall skall skall skall		
21	-	·		46			MAW.i
22				47			
23				48			
24	, , , , , , , , , , , , , , , , , , , ,			49			
25 Coloud				50			

Calculations: Nex wx

## Area Percent / Library Search Report

VKAC 1/31/12

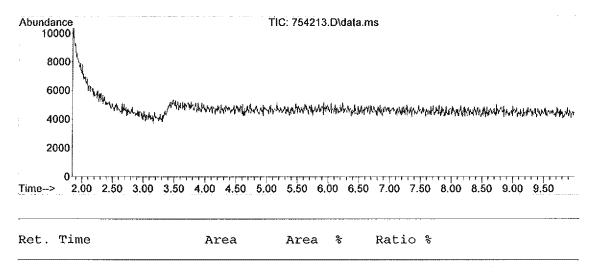
Information from Data File:

File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754213.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 9:37

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

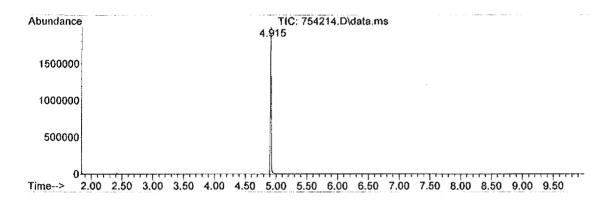
File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754214.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 9:50

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.915	1867269	100.00	100.00

File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754214.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 9:50

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE

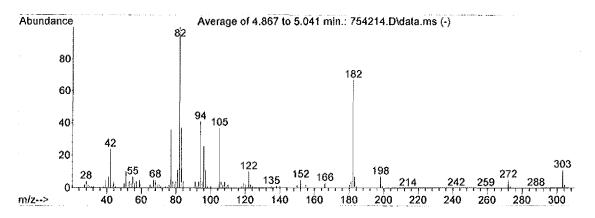
Search Libraries: C:\Database\SLI.L

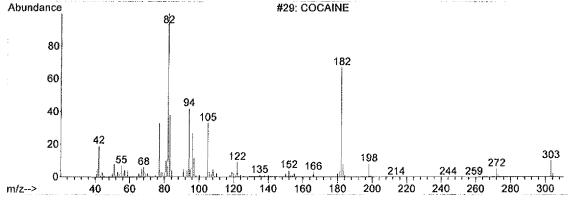
C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

1 4.92 C:\Database\SLI.L COCAINE 000050-36-2 99



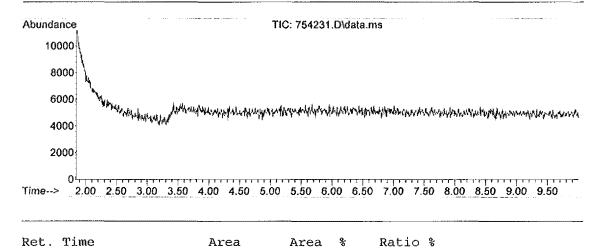


File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754231.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 13:31

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



\_\_\_\_\_

\*\*\*NO INTEGRATED PEAKS\*\*\*

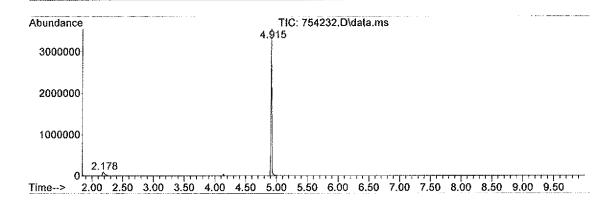
File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754232.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 13:44

Sample Name Submitted by : ASD Vial Number : 32

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.178	244301	7.04	7.58	
4.915	3223861	92.96	100.00	

File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754232.D

Operator : ASD/KAC

Date Acquired 11 Nov 2010 13:44

Sample Name

Submitted by ASD Vial Number 32 AcquisitionMeth: DRUGS.M Integrator RTE

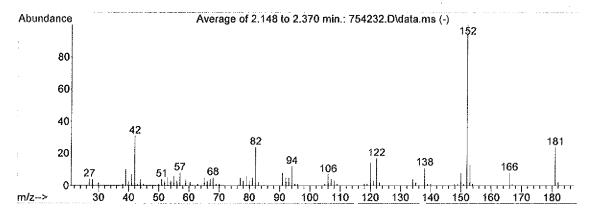
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

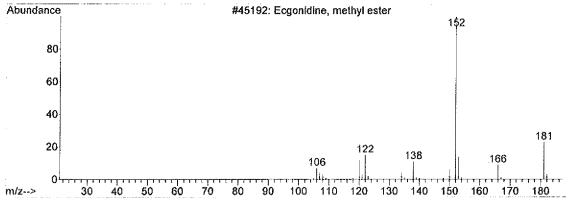
C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
 1	2.18	C:\Database\NIST08.L	107270 04 0	
		Ecgonidine, methyl ester 2-Carbomethoxy-8-methyl-8-azabicycl	127379-24-2 043021-26-7	98 95
		5-Methyl-2-nitroaniline	000578-46-1	43





File Name : F:\Q4-2010\SYSTEM8\11 11 10\754232.D

Operator : ASD/KAC

Date Acquired 11 Nov 2010 13:44

Sample Name

Submitted by ASD Vial Number 32 AcquisitionMeth: DRUGS.M Integrator RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

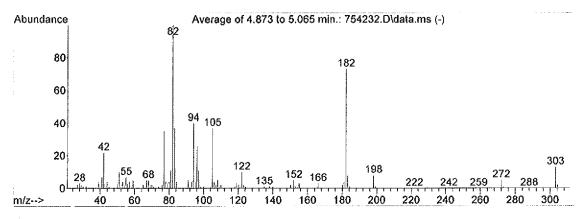
99

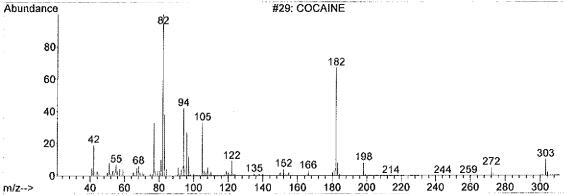
C:\Database\PMW\_TOX2.L

CAS# PK# RT Library/ID Qual

2 4.91 C:\Database\SLI.L COCAINE

000050-36-2



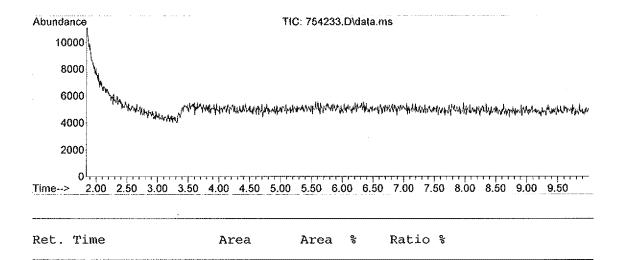


File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754233.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 13:57

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

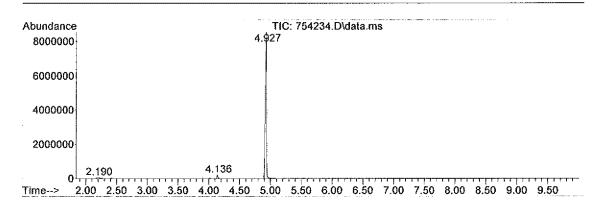
File Name :  $F:\Q4-2010\SYSTEM8\11_11_10\754234.D$ 

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 14:10

Sample Name

Submitted by : ASD
Vial Number : 34
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.190	319598	2,52	2.64	
4.136	268719	2.12	2.22	
4.927	12104061	95.36	100.00	

File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754234.D

Operator ASD/KAC

Date Acquired 11 Nov 2010

Sample Name Submitted by

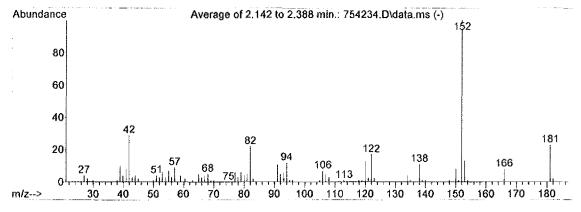
ASD Vial Number 34 AcquisitionMeth: DRUGS.M Integrator : RTE

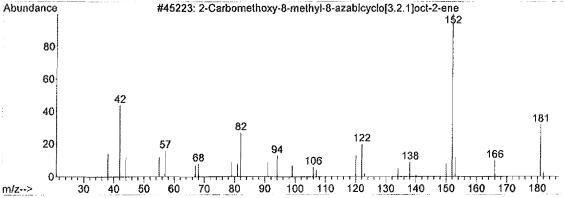
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.19	C:\Database\NIST08.L 2-Carbomethoxy-8-methyl-8-azabicycl Ecgonidine, methyl ester	127379-24-2	94 93
		5-Methyl-2-nitroaniline	000578-46-1	43





File Name : F:\Q4-2010\SYSTEM8\11 11 10\754234.D

Operator : ASD/KAC

Date Acquired 11 Nov 2010 14:10

Sample Name

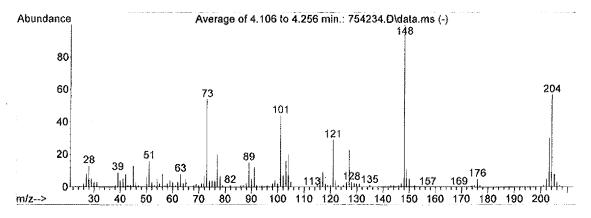
Submitted by ASD Vial Number 34 AcquisitionMeth: DRUGS.M Integrator : RTE

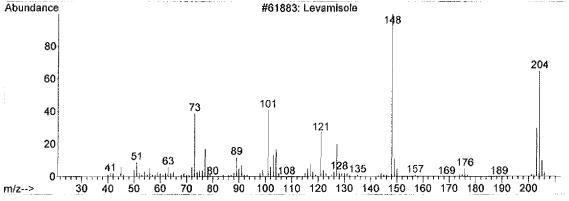
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW TOX2.L

	PK#	RT	Library/ID		CAS#	Qual
-	2	4.14	C:\Database\NIST08.L			
			Levamisole		006649-23-6	98
			Levamisole		006649-23-6	98
			<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	014769-73-4	98





File Name : F:\Q4-2010\SYSTEM8\11 11 10\754234.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 14:10

Sample Name :

Submitted by : ASD
Vial Number : 34
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK# RT Library/ID

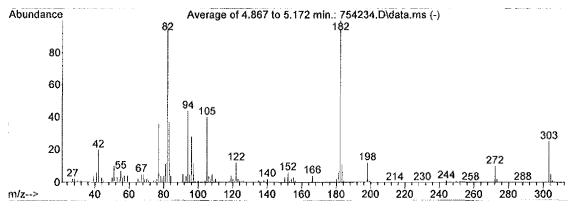
CAS# Qual

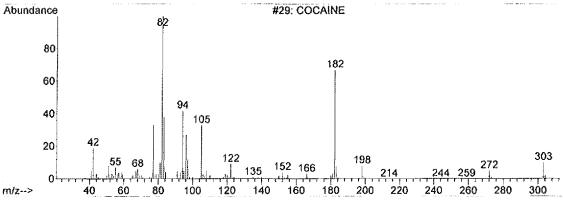
3 4.93 C:\Database\SLI.L

COCAINE

000050-36-2

99



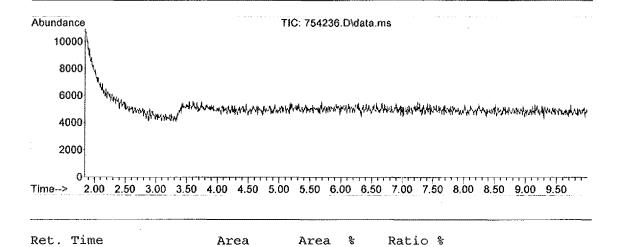


File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754236.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 14:36

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS.M Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

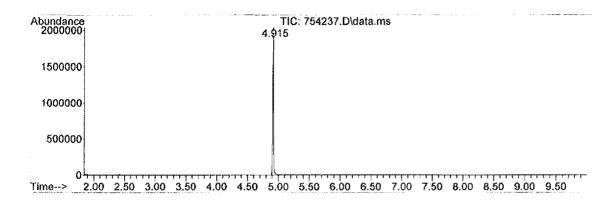
File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754237.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 14:49

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.915	1993451	100.00	100.00

File Name :  $F: \Q4-2010\SYSTEM8\11\ 11\ 10\754237.D$ 

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 14:49

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 14 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

COCAINE

Minimum Quality: 80

000050-36-2

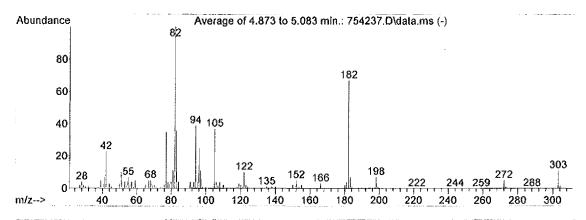
99

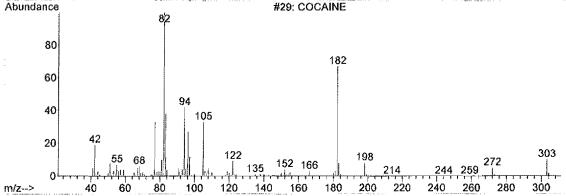
C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.92 (	C:\Database\SLI.L		



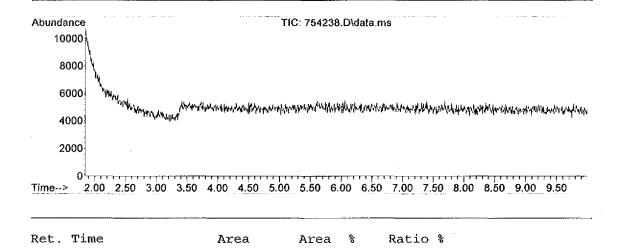


: F:\Q4-2010\SYSTEM8\11\_11\_10\754238.D File Name

: ASD/KAC Operator

Date Acquired : 11 Nov 2010 15:02

Sample Name : BLANK Submitted by : ASD Vial Number 1 AcquisitionMeth: DRUGS.M Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

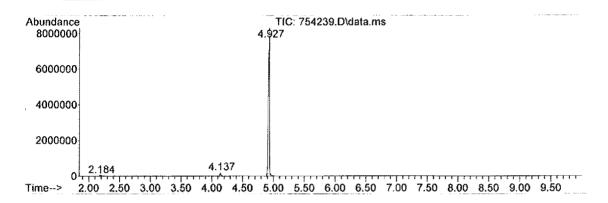
: F:\Q4-2010\SYSTEM8\11\_11\_10\754239.D File Name

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 15:15

Sample Name

Submitted by : ASD Vial Number : 39 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.184	207335	1.85	1.93	
4.137	226480	2.02	2.11	
4.927	10751676	96.12	100.00	

File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754239.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 15:15

Sample Name :

Submitted by : ASD
Vial Number : 39
AcquisitionMeth: DRUGS.M
Integrator : RTE

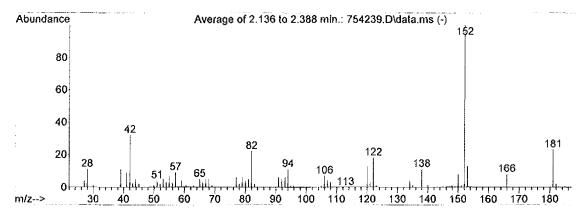
Search Libraries: C:\Database\SLI.L

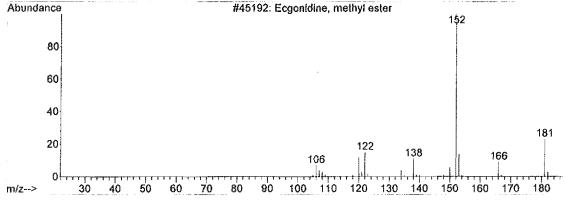
abase\SLI.L Minimum Quality: 80 abase\NIST08.L Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
 1	2.18	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	96
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	94
		2(1H)-Pyridinone, 4-hydroxy-6-methy	007135-82-2	47





File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754239.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 15:15

Sample Name :

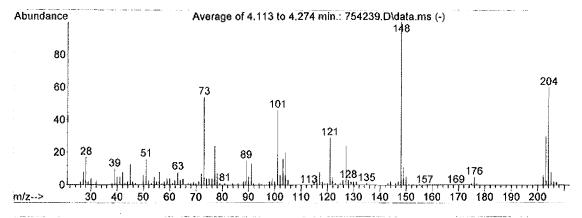
Submitted by : ASD
Vial Number : 39
AcquisitionMeth: DRUGS.M
Integrator : RTE

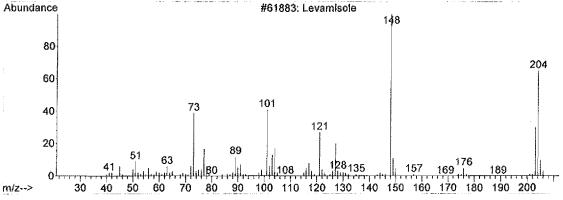
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.14	C:\Database\NIST08.L		
		Levamisole	006649-23-6	98
		Levamisole	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,	5,6-tet 014769-73-4	98





File Name : F:\Q4-2010\SYSTEM8\11 11 10\754239.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 15:15

Sample Name :

Submitted by : ASD
Vial Number : 39
AcquisitionMeth: DRUGS.M
Integrator : RTE

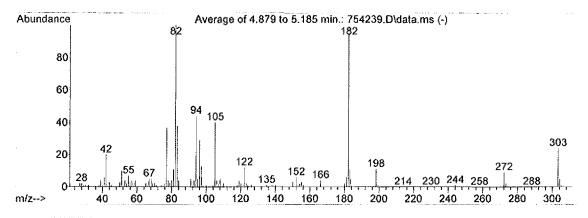
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

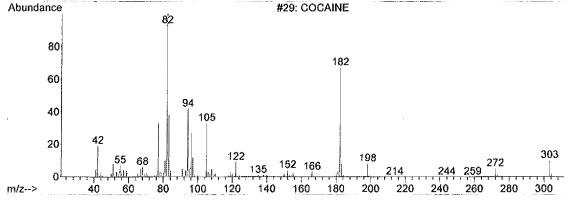
C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

3 4.93 C:\Database\SLI.L COCAINE 000050-36-2 99





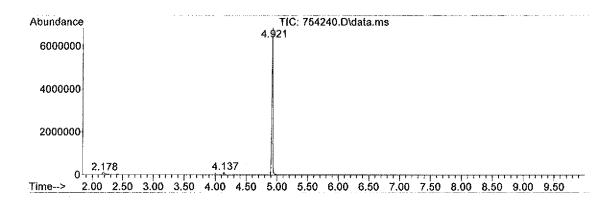
File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754240.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 15:28

Sample Name :

Submitted by : ASD
Vial Number : 40
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.178	324791	3.95	4.20	
4.137	155446	1.89	2.01	
4.921	7739539	94.16	100.00	

File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754240.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 15:28

Sample Name :

Submitted by : ASD
Vial Number : 40
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

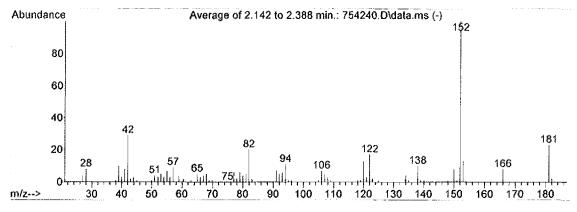
Minimum Quality: 80

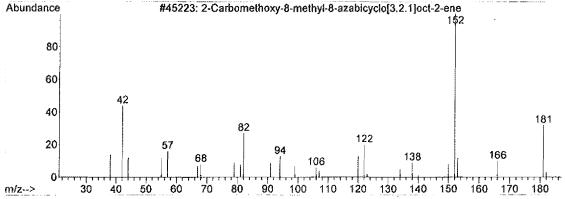
C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.18	C:\Database\NIST08.L		
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	96
		Ecgonidine, methyl ester	127379-24-2	95
		5-Methyl-2-nitroaniline	000578-46-1	43





File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754240.D

Operator : ASD/KAC

Date Acquired 11 Nov 2010 15:28

Sample Name

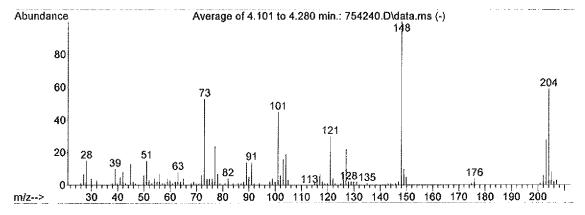
Submitted by ASD Vial Number 40 AcquisitionMeth: DRUGS.M Integrator : RTE

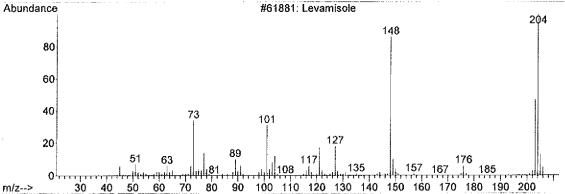
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
 2	4.14	C:\Database\NIST08.L		
		Levamisole	006649-23-6	98
		Levamisole	006649-23-6	98
		Imidazo[2.1-b]thiazole, 2.3.5.6-tet	014769-73-4	97





File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754240.D

Operator : ASD/KAC

Date Acquired 11 Nov 2010 15:28

Sample Name

Submitted by ASD Vial Number 40 AcquisitionMeth: DRUGS.M : RTE Integrator

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

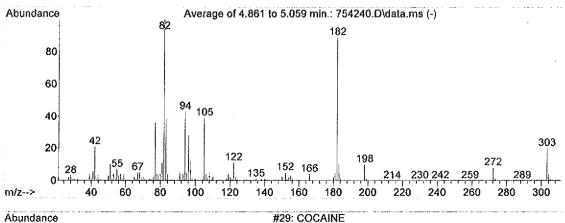
C:\Database\PMW\_TOX2.L

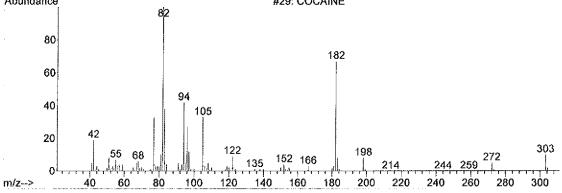
PK# RTLibrary/ID CAS# Qual

3 4.92 C:\Database\SLI.L

COCAINE

000050-36-2 99



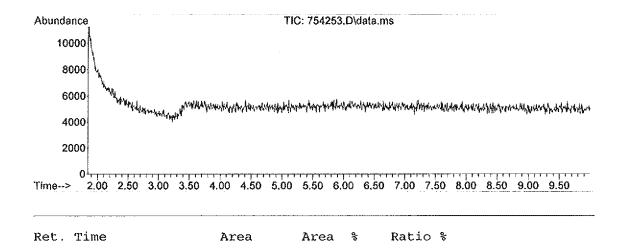


File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754253.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 18:18

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

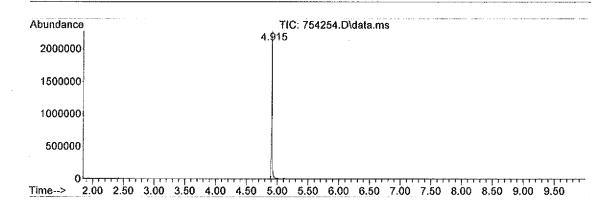
File Name : F:\Q4-2010\SYSTEM8\11\_11\_10\754254.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 18:31

Sample Name : COCAINE STD

Submitted by : ASD
Vial Number : 14
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.915	2160667	100.00	100.00

File Name : F:\Q4-2010\SYSTEM8\11 11 10\754254.D

Operator : ASD/KAC

Date Acquired : 11 Nov 2010 18:31

: COCAINE STD Sample Name

Submitted by ASD Vial Number 14 AcquisitionMeth: DRUGS.M : RTE Integrator

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK# RTLibrary/ID CAS# Qual

4.91 C:\Database\SLI,L 1

COCAINE

000050-36-2

99

Abundance Average of 4.873 to 5.083 min.: 754254,D\data.ms (-) 80 182 60 <sup>94</sup> 105 40 20 303 122 198 68 152 166 28 135 242 0] m/z--> 60 120 220 240 40 80 100 140 160 180 200 260 280 300

